

## STATE OF SOUTH AUSTRALIA.

## ARTIFICIAL MANURES.

During the last 10 seasons the quantity of artificial manures used has increased 94%. Of the total area cropped in 1919-20, 84% was artificially manured, 93,091 tons of artificial manure being used. In 1929-30 the respective figures were 93% and 181,045 tons.

## I. TOTAL MANURES USED ON CROPPED AREA, 1929-30.

| Division      | Area<br>Cropped | Area<br>Manured | % Manured<br>to cropped | Manure used |             |
|---------------|-----------------|-----------------|-------------------------|-------------|-------------|
|               |                 |                 |                         | Total       | Av. per ac. |
|               | acres           | acres           | %                       | tons        | lbs.        |
| Central       | 1,045,127       | 953,614         | 91.24                   | 49,999      | 117.45      |
| Lower North   | 1,030,633       | 992,411         | 96.29                   | 40,416      | 91.22       |
| Upper North   | 287,343         | 228,458         | 79.51                   | 8,004       | 78.48       |
| South Eastern | 129,935         | 110,695         | 85.19                   | 5,920       | 119.80      |
| Western       | 1,235,587       | 1,162,698       | 94.10                   | 36,513      | 70.34       |
| Murray Mallee | 1,238,291       | 1,152,384       | 93.06                   | 40,193      | 78.13       |
| Total 1929-30 | 4,966,916       | 4,600,260       | 92.62                   | 181,045     | 88.16       |
| " 1928-29     | 4,660,003       | 4,251,348       | 91.23                   | 171,965     | 90.60       |

## 2. PERCENTAGE OF CROPPED AREA MANURED.

| Year           | WHOLE STATE     |                         | DIVISIONS |                |                |                |        |                  |
|----------------|-----------------|-------------------------|-----------|----------------|----------------|----------------|--------|------------------|
|                | Area<br>manured | % to<br>cropped<br>area | Central   | Lower<br>North | Upper<br>North | South<br>Eastn | Westn. | Murray<br>Mallee |
|                | acres           | %                       | %         | %              | %              | %              | %      | %                |
| 1919-20        | 2,572,277       | 84.1                    | 89.3      | 92.9           | 65.7           | 69.5           | 72.4   | 86.4             |
| 1924-25        | 3,099,889       | 87.1                    | 86.1      | 90.5           | 78.5           | 71.1           | 86.0   | 87.2             |
| 1925-26        | 3,195,861       | 89.2                    | 90.1      | 91.7           | 80.2           | 73.6           | 88.5   | 90.2             |
| 1926-27        | 3,533,868       | 91.0                    | 91.4      | 91.7           | 82.3           | 74.2           | 92.0   | 93.4             |
| 1927-28        | 3,815,419       | 91.0                    | 92.0      | 92.1           | 78.5           | 77.7           | 91.2   | 94.1             |
| 1928-29        | 4,251,348       | 91.2                    | 90.3      | 93.4           | 77.0           | 82.9           | 92.9   | 93.3             |
| 1929-30        | 4,600,260       | 92.6                    | 91.2      | 96.3           | 79.5           | 85.2           | 94.1   | 93.1             |
| Inc.<br>10 yrs | 2,027,983       | 8.5                     | 1.9       | 3.4            | 13.8           | 15.7           | 21.7   | 6.7              |

## 3. AVERAGE QUANTITY ARTIFICIAL MANURE USED PER ACRE.

| Year           | WHOLE STATE    |                 | DIVISIONS |                |                |                |        |                  |
|----------------|----------------|-----------------|-----------|----------------|----------------|----------------|--------|------------------|
|                | Manure<br>used | Av. per<br>acre | Central   | Lower<br>North | Upper<br>North | South<br>Eastn | Westn. | Murray<br>Mallee |
|                | tons           | lbs.            | lbs.      | lbs.           | lbs.           | lbs.           | lbs.   | lbs.             |
| 1919-20        | 93,091         | 81.1            | 107.2     | 82.6           | 66.1           | 96.4           | 56.0   | 60.5             |
| 1924-25        | 124,264        | 89.8            | 115.7     | 90.0           | 82.5           | 110.8          | 64.8   | 76.7             |
| 1925-26        | 130,217        | 91.3            | 114.9     | 92.0           | 80.8           | 115.4          | 67.0   | 82.0             |
| 1926-27        | 146,910        | 93.1            | 116.8     | 94.6           | 77.9           | 118.3          | 70.6   | 85.8             |
| 1927-28        | 157,183        | 92.3            | 116.7     | 95.4           | 75.7           | 115.7          | 72.5   | 84.0             |
| 1928-29        | 171,965        | 90.6            | 118.1     | 93.8           | 70.9           | 122.9          | 71.9   | 80.5             |
| 1929-30        | 181,045        | 88.2            | 117.5     | 91.2           | 78.5           | 119.8          | 70.3   | 78.1             |
| Inc.<br>10 yrs | 87,954         | 7.1             | 10.3      | 8.6            | 12.4           | 23.4           | 14.3   | 17.6             |

TOP-DRESSED PASTURES - In addition to the foregoing, 15,701 tons were used on 302,114 acres for top-dressing. For details, see Bulletin No. 22.

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